

Substitute for form 1449A-PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number	10/781,804
Filing Date	February 20, 2004
First Named Inventor	Neil EKLUND, et al.
Art Unit	3692
Examiner Name	Heather L BEEGLE
Attorney Docket Number	52493.000363

Sheet

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U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 5126936	06-30-1992	Champion et al.	
		US- 5148365	09-15-1992	Dembo	
		US- 5195026	03-16-1993	Nonaka	
		US- 5202827	04-13-1993	Sober	
		US- 5210687	05-11-1993	Wolfberg	
		US- 5347446	09-19-1994	Iino	
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		US- 5875437	02-23-1999	Atkins	
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		US- 5918217	06-29-1999	Maggioncalda	
		US- 5926792	07-20-1999	Koppes	

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		US- 5930762	07-27-1999	Masch	
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		US- 5999917	12-07-1999	Facciani	
		US- 6003018	12-14-1999	Michaud	
		US- 6018722	01-25-2000	Ray et al.	
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		US- 6351740	02-26-2002	Rabinowitz	
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		US- 6373485	04-16-2002	Sowizral	
		US- 6393409	05-21-2002	Young et al.	
		US- 6405179	06-11-2002	Rebane	
		US- 6424952	07-23-2002	Yinbal	
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		US- 6470321	10-22-2002	Cumming	
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		US- 6611807	08-26-2003	Bernheim	
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		US- 6895390	05-17-2005	Hagan	
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		US- 20020050990	05-02-2002	Sowizral	

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		US- 20020059294	05-16-2002	Bottarelli	
		US- 20020082872	06-27-2002	Aoki	
		US- 20020091605	07-11-2002	Labe, Jr.	
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		US- 20040059609	03-25-2004	Chatlain	
		US- 20040078244	04-22-2004	Katcher	
		US- 20040078248	04-22-2004	Altschuler	
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		US- 20040181479	09-16-2004	Zosin et al.	
		US- 20040186804	09-23-2004	Chakraborty	
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		US- 20050187846	08-25-2005	Subbu et al.	
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		US- 20050187849	08-25-2005	Bollapragada et al.	
		US- 20020032585	03-14-2002	Keyes	
		US-			
		US-			
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OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and-or country where published	TRANSLATION	
			YES	NO
		JPMorgan/Reuters RiskMetrics™ - Technical Documents Fourth Edition, Dec. 17, 1996	<input type="checkbox"/>	<input type="checkbox"/>
		Jorge Mina & Andrew Ulmer Delta-Gamma Four Ways August 31, 1999	<input type="checkbox"/>	<input type="checkbox"/>
		Stefan Pichler & Karl Selitsch A Comparison of Analytical VaR Methodologies for Portfolios That Include Options December 1999	<input type="checkbox"/>	<input type="checkbox"/>
		Jorge Mina & Jerry Yi Xiao return to RiskMetrics: The Evolution of a Standard April 2001	<input type="checkbox"/>	<input type="checkbox"/>
		Eklund, Neil Holger White, Multiobjective visible spectrum optimization: A genetic algorithm approach, Rensselaer Polytechnic Institute, Volume 6311B of Dissertations Abstracts International, 2002	<input type="checkbox"/>	<input type="checkbox"/>
		Abbass, H.A., Sarker, R Newton, C, PDE:a Pareto-frontier differential evolution approach for multi-ojective optimization problems, Proceedings of the 2001 Congress on Evolutionary Computation, volume 2, IEEE, May 27-30, 2001	<input type="checkbox"/>	<input type="checkbox"/>
		Ignizio, James, An Algorithm for Solving the Linear Goal Programming Problem by Solving Its Dual, The Journal of the Operational research Society, Vol. 36, No. 6 (June 1985) pp 507-515	<input type="checkbox"/>	<input type="checkbox"/>
		Masud, Abu, Interactive Sequential Goal Programming, The Journal of the Operational Research Society, Vol. 32, No. 5 (May 1981), pp. 391-400	<input type="checkbox"/>	<input type="checkbox"/>
		Bellmore, M, Generalized Penalty function Concepts in Mathematical Optimization, Operations research, Vol. 18, No. 2 (March-April 1970), pp. 229-252	<input type="checkbox"/>	<input type="checkbox"/>
		Iwamura, K., Chances constrained integer Programming Models for Capital Budgeting in Fizzy Environments, The Journal of the Operational Research Society, Vol. 49, No. 8 (August 1998), pp. 854-860	<input type="checkbox"/>	<input type="checkbox"/>
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FOREIGN PATENT DOCUMENTS

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		Country Code Number-Kind Code (if known)					YES	NO
		JP	7-85110 (Abstract)	03-031-1995	Nobuaki		<input type="checkbox"/>	<input type="checkbox"/>
		JP	63-279301 (Abstract)	11-16-1988	Masahiro et al.		<input type="checkbox"/>	<input type="checkbox"/>
		EP	0356191 A2	02-28-1990	Freedman et al.		<input type="checkbox"/>	<input type="checkbox"/>
		EP	0505087 A2	09-23-1992	Kumahora et al.		<input type="checkbox"/>	<input type="checkbox"/>
		JP	6-95707 (Abstract)	04-08-1994	Minoru et al.		<input type="checkbox"/>	<input type="checkbox"/>
		WO	95/25295	09-21-1995	Krist et al.		<input type="checkbox"/>	<input type="checkbox"/>
		WO	96/18162	06-13-1996	Atkins		<input type="checkbox"/>	<input type="checkbox"/>
		WO	98/13776	04-02-1998	Masch		<input type="checkbox"/>	<input type="checkbox"/>
		WO	99/23592	05-14-1999	Young et al.		<input type="checkbox"/>	<input type="checkbox"/>
		WO	99/39290	08-05-1999	Pellegrinelli et al.		<input type="checkbox"/>	<input type="checkbox"/>
		WO	99/49399	09-30-1999	Lang		<input type="checkbox"/>	<input type="checkbox"/>
		JP	2001-76057 (Abstract)	03-23-2001	Norio		<input type="checkbox"/>	<input type="checkbox"/>
		WO	01/31481 A2	05-03-2001	Bullard et al.		<input type="checkbox"/>	<input type="checkbox"/>
		WO	01/39005 A2	05-31-2001	Dembo et al.		<input type="checkbox"/>	<input type="checkbox"/>
		WO	01/55890 A2	08-02-2001	Herschap et al.		<input type="checkbox"/>	<input type="checkbox"/>
		WO	01/55939 A2	08-02-2001	Caruana et al.		<input type="checkbox"/>	<input type="checkbox"/>
		WO	01/77872 A2	10-18-2001	Plumer et al.		<input type="checkbox"/>	<input type="checkbox"/>
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